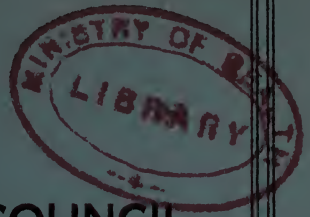


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CROMER
URBAN DISTRICT COUNCIL.

THE FIFTY-SECOND
Annual Report
OF THE
MEDICAL OFFICER OF HEALTH
FOR THE
YEAR ENDING DECEMBER 31st,
1938.

ROUNCE & WORTLEY PRINTERS, CROMER, SHERINGHAM AND HOLT

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CROMER URBAN DISTRICT COUNCIL

REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE

YEAR ENDING DECEMBER 31ST, 1938.

CROMER,
July 3rd, 1939.

MISS BEHRENS AND GENTLEMEN,

The Annual Report for 1938 is on the lines indicated by Circular 1728 of the Ministry of Health.

The Sunshine for the year was 1698.5 hours as compared with 1389.9 hours in 1937; the Rainfall 20.70 inches as compared with 27.80 inches in 1937.

SECTION A.—STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres) 1,148.

Estimate of Resident population, mid-1938, 3,963.

Number of Inhabited Houses (end of 1938), 1,320.

Rateable Value, £38,212.

Sum represented by a penny rate, £147.

During the Summer months the chief occupation of the inhabitants is attending to the wants of visitors, and a small fishing industry during the rest of the year.

I have no statistics of unemployment.

VITAL STATISTICS.

					Birth Rate per 1,000 of the estimated resident population		
Total. M. F.							
Live Births	{	Legitimate	52	22	30	13.87	
		Illegitimate	3	1	2		
					Rate per 1,000 (live & still) births		
Still Births	2	1	1	35.08	
					Death Rate per 1,000 of the estimated resident population		
Deaths	46	24	22	11.60

Deaths from puerperal causes:—

	Total
No. 29, Puerperal Sepsis ...	0
No. 30, other puerperal causes	0
Total	0

Death Rate of Infants under one year of age:—

All Infants (1) per 1,000 live births—18.18.

Legitimate Infants per 1,000 legitimate live births—19.23.

Illegitimate Infants per 1,000 illegitimate live births—0.

Deaths from Cancer (all ages) 8.

Deaths from Measles (all ages) 0.

Deaths from Whooping Cough (all ages) 0.

Deaths from Diarrhoea (under 2 years of age) 0.

There has been no excessive or unusual mortality during the year, which has received or required comment.

There were no causes of sickness or invalidity which have been specially noteworthy in the area during the year; nor any conditions of occupation or environment which appear to have had a prejudicial effect on health; nor any evidence, statistical or otherwise, that unemployment has exercised any significant influence on the health or physique of children or adults.

The Resident Population, as estimated by the Registrar-General for mid-year, 1938, is 3,963, as compared with 4,013 for 1937.

The Birth Rate is 13.87, as compared with 11.71 in 1937; the Birth Rate for England and Wales, 15.1.

The Still Birth Rate is 35.08 as compared with 60.0 in 1937; England and Wales, 0.60.

The Death Rate 11.60 as compared 14.95 in 1937; the Death Rate for England and Wales being 11.6.

The Infantile Mortality is 18.18 as compared with 42.55 in 1937; the Infantile Mortality of England and Wales being 53.

CAUSES OF DEATH IN 1938 .

				M.	F
26.	Other Liver Diseases ...	...	...	1	-
28.	Acute and Chronic Nephritis ...	...	...	1	1
31.	Congenital Debility and Premature Birth, &c.			-	1
32.	Senility ...	...	...	-	1
33.	Suicide ...	...	...	1	-
34.	Other violence ...	...	...	1	1
35.	Other defined Diseases ...	...	...	4	2
14.	Diabetes ...	...	...	-	1
15.	Cerebral Haemorrhage, &c. ...	...	...	2	-
16.	Heart Disease ...	...	...	6	7
18.	Other circulatory Disease ...	...	...	1	1
19.	Bronchitis ...	...	...	-	1
20.	Pneumonia ...	...	...	1	-
21.	Other Respiratory Disease ...	...	...	1	-
6.	Influenza ...	...	...	1	-
10.	Other Tuberculosis ...	...	...	-	1
12.	G.P.I., Tabes, &c. ...	...	...	1	-
13.	Cancer ...	...	...	3	5
				24	22

SECTION B.—GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

1. (i.) Medical Officer of Health (part time), R. C. M. Colvin-Smith, M.B., B.C., B.A., M.R.C.S., L.R.C.P.
 Sanitary Inspector (who is also Surveyor), Mr. G. Eric Mitchell, M. INST. M. & CY. E., A.R.I.B.A., M.R. SAN. I.
- (ii.) (a) Laboratory facilities by arrangement with the Norfolk County Council.
 (b) Ambulance facilities. Adequate.
 (c) Nursing in the Home. No change.
 (d) Treatment Centres and Clinics. No change.
 (e) Hospitals. Public: North East Norfolk Joint Isolation Hospital. Voluntary: Cromer and District Hospital (38 beds).

SECTION C.—SANITARY CIRCUMSTANCES OF THE AREA.

1. (i.) Water has been very satisfactory both as regards (a) quality, (b) quantity. The water from Metton is controlled by a chemical and bacteriological examination once yearly. Statement of results attached. The old Cromer waterworks at Roughton Road receive periodic attention and a part public supply could be obtained in the event of an emergency. The accompanying analyses are quite satisfactory (see pp. 12 and 13).

Extension of Mains: 1,264 lin. yards of 4 inch water mains have been laid along Roughton Road outside the Cromer Area.

(ii.) **Drainage and Sewerage.**

The position with regard to sewerage arrangements in the area is satisfactory. The sea outfall sewer received attention for minor repairs.

2. Rivers and Streams. None.

3. (i.) Closet Accommodation. Satisfactory, no change.

(ii.) Public Cleansing.

Scavenging and disposal by destruction is carried out by direct labour. The present arrangements are satisfactory and no important changes have been made. Trade refuse is collected in a number of cases by arrangement.

(iii.) Sanitary Inspection of the Area.

Tabular Statement furnished by the Sanitary Inspector under Article 27 (18) of the Sanitary Officers (Outside London) Regulations, 1935.

House to house Inspections ..	...	...	169
Special Inspections ..	...	...	19
Inspections of Nuisances discovered ..	...	...	25
Re-inspections to ascertain progress of Sanitary and Informal Orders ..	...	...	43
Visits in connection with Infectious Diseases ..	...	...	14
Visits to Isolation Hospital ..	...	...	0
Inspections under Factory and Workshop Act ..	...	...	23
Re-Inspections ..	...	...	6
Inspections of Dairies, Milkshops and Cowsheds ..	...	...	11
Inspections of Tenements ..	...	...	18
			<hr/> 328
Premises disinfected ..	...	...	1
Rooms disinfected ..	...	...	8
Premises to which Smoke Test applied...	...	...	0
Committee Meetings attended ..	...	...	12
Preliminary Notices served ..	...	...	8
Legal Notices served ..	...	...	2
Legal Proceedings taken ..	...	...	0
Defects found by House to House Inspection ..	...	...	7
Defects found by other Inspection ..	...	...	0
Defects found by other Workshops Inspections ..	...	...	1
Defects found by other Tenement Inspections ..	...	...	2
Complaints received at Office ..	...	...	45

(iv.) Shops and Offices.

The usual inspections have been made relative to adequate ventilation, temperature and Sanitary arrangements of shops. No statutory action required.

(v.) Camping Sites. None.

(vi.) Smoke Abatement.

Co-operative action with the Cromer Steam Laundry Company has resulted in an improved Boiler House and Chimney Stack.

(vii.) Swimming Baths and Pools. None in area.

(viii.) Eradication of bed bugs. No action required.

4. Schools.

The Sanitary condition and Water Supply of the Schools are satisfactory.

SECTION D.—HOUSING.

1. Inspection of Dwelling-houses during the Year :—

(1) (a) Total number of Dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	60
---	-----	-----	-----	-----	----

(b) Number of inspections made for the purpose	...	83
--	-----	----

(2) (a) Number of Dwelling-houses (included under sub head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	9
---	-----	-----	---

(b) Number of inspections made for the purpose	...	25
--	-----	----

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	8
--	-----	-----	---

(4) Number of Dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	2
---	-----	-----	-----	---

2. Remedy of Defects during the Year without Service of formal notices :—

Number of defective Dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	1
---	-----	-----	---

3. Action under Statutory Powers during the year :—

(a) Proceedings under sections 9, 10 and 16 of the Housing Act, 1936 :—

(1) Number of Dwelling-houses in respect of which notices were served requiring repairs	...	2
---	-----	---

(2) Number of Dwelling-houses which were rendered fit after service of formal notices :—	
(a) By Owners	2
(b) By Local Authority in default of Owners ...	0
(b) Proceedings under Public Health Acts :—	
(1) Number of Dwelling-houses in respect of which Notices were served requiring defects to be remedied	3
(2) Number of Dwelling-houses in which defects were remedied after service of formal notices :—	
(a) By Owners	3
(b) By Local Authority in default of Owners ...	0
(c) Proceeding under sections 11 and 13 of the Housing Act, 1936 :—	
(1) Number of Dwelling-houses in respect of which Demolition Orders were made	8
(2) Number of Dwelling-houses demolished in pursuance of Demolition Orders	0
(d) Proceedings under section 12 of the Housing Act, 1936 :—	
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	0
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	0
4. Housing Act, 1936.—Part IV.—Overcrowding :—	
(a) (i.) Number of dwellings overcrowded at the end of the year	2
(ii.) Number of families therein	3
(iii.) Number of persons dwelling therein ...	7
(b) Number of new cases of overcrowding reported during the year	2
(c) (i.) Number of cases of overcrowding relieved during the year	2
(ii.) Number of persons concerned in such cases	7
(d) Particulars of any cases in which Dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	0
(e) Any other particulars with respect to overcrowding conditions which the Medical Officer of Health may consider it desirable to report...	0

SECTION E.—INSPECTION AND SUPERVISION OF FOOD.

- (a) **Milk Supply.** Usual inspection of Dairies.
- (b) **Meat and other Foods.** Usual inspection of Shops, &c.
No Slaughter Houses in the Cromer Area.
- (c) **Adulteration, &c.** No action required.
- (d) **Chemical and Bacteriological Examination of Food.**
No Laboratories.
- (e) **Nutrition.** No action taken.
- (f) **Shell-fish** (*Molluscan*). No action taken. No Shell-fish
beds.

SECTION F.—PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

On the 1st April, 1938, the Cromer U.D.C. joined Erpingham R.D.C., North Walsham U.D.C. and Sheringham U.D.C. to form the North East Norfolk Joint Isolation Hospital, to which all the Scarlet Fever cases were sent.

General. Diseases notified :—

13 cases of Scarlet Fever.

106 cases of Chickenpox.

1 Puerperal Pyrexia.

1 Pneumonia.

1 case of Acute Encephalomyelitis in a boy age 14 (post vaccinal) was admitted to the Cromer and District Hospital and died there.

2 Non-pulmonary Tuberculosis, one a case of Tubercular Meningitis, died in the Jenny Lind Hospital, Norwich.

The case rates of the following diseases, as compared with England and Wales, are as under :—

			Per 1,000 resident population.	
			Cromer.	England & Wales.
Scarlet Fever	...	...	3.28	2.41
Pneumonia	...	...	0.25	1.10
			Per 1,000 Total Births (<i>i.e.</i> , Live & Still)	
Puerperal Pyrexia	...	...	17.54	14.42

During the year I have received 9 copies of reports on Swabbing for Diphtheria and one examination of Sputum from the Norfolk County Laboratory.

NOTIFIABLE DISEASES DURING THE YEAR, 1938 (Other than Tuberculosis).

Disease.	Total cases notified.	Cases admitted to Hospital.	Total Deaths
Scarlet Fever ...	13	13	0

Age Groups:—

Scarlet Fever, 2—3 one, 5—10 five, 10—15 two, 15—20 two, 20—35 two, 35—45 one.

Pneumonia, 45—65 one.

Acute Encephalomyelitis, 10—15 one.

Puerperal Pyrexia, 20—35 one.

Chickenpox, 3—5 fourteen, 5—10 eighty-three, 10—15 nine.

4. (a) Prevention of Blindness. No case notified.
- (b) Tuberculosis. No action required.

5. TUBERCULOSIS.

New cases and Mortality during 1938.

Age periods.	New Cases.				Deaths.			
	Respiratory.		Non-respiratory.		Respiratory.		Non-respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
5—15 ...	0	0	1	1	0	0	0	1
	0	0	1	1	0	0	0	1

Fatal case notified through C.M.O.H. from Jenny Lind Hospital, Ncrwich.

ON THE ADMINISTRATION OF THE FACTORY AND WORK-SHOP ACT, 1901, AND THE FACTORIES ACT, 1937 (WHICH SUPERSEDED THE ACT OF 1901 ON 1ST JULY, 1938).

1. Inspections for purposes of provisions as to Health, including Inspections made by Sanitary Inspector.

Premises. (1)	Number of		
	Inspections. (2)	Written Notices. (3)	Occupiers prosecuted. (4)
Factories (with mechanical power)	3	1	0
Factories (without mechanical power)	18	1	0
Other Premises under the Act (including works of building and engineering con- struction but not including out- workers' premises)	0	0	0
Total	21	2	0

2. Defects found.

Particulars. (1)	Number of Defects.			Number of defects in respect of which Prosecutions were instituted. (5)
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	
Want of cleanliness (S.1)	1	1	0	0
Overcrowding (S.2) ..	0	0	0	0
Unreasonable tem- perature (S.3) ..	0	0	0	0
Inadequate ventilation ... (S.4)	0	0	0	0
Ineffective drainage of floors (S.6)	0	0	0	0
Sanitary Conveniences: (S.7)				
Insufficient	0	0	0	0
Unsuitable or defective	0	0	0	0
Not separate for sexes	0	0	0	0
Other offences	4	4	0	0
Total	5	5	0	0

There have been no instances of outwork in unwholesome premises.

In conclusion, I have to thank Mr. G. Eric Mitchell for his valued assistance in making this Report.

I am, Sirs,

Your obedient Servant,

R. C. M. COLVIN-SMITH,

M B., B.C., B.A., M.R.C.S., L.R.C.P.,

Fellow of the Society of Medical Officers of Health,

Medical Officer of Health.

W. LINCOLNE SUTTON, F.C.I.
Public Analyst.

Norfolk & Suffolk County Laboratories,
Redwell Street, Norwich.
26th January, 1938.

CERTIFICATE OF ANALYSIS OF WATER.

Sample received from Cromer U.D.C. per G. E. Mitchell, Esq., Engineer and Surveyor.

No. 85969 00. MARK OR SEAL: "18-1-38" (2-30 p.m.). Cromer Waterworks (Metton).

(The Chemical Results are stated in parts per 100,000, which may be altered to grains per gallon by multiplying the figures by 0.7).

Total Solids in Solution	AMMONIA		Chlorine in Chlorides	Nitrogen as Nitrates	Nitrites	Oxygen absorbed from Permanganate	HARDNESS		BACTERIOLOGICAL RESULTS			Physical Characters
	Free & Saline	Albuminoid					Total	Perma- nent	Bacteria per c.c. on agar at 37°C	Bacillus Present in	Coli Absent in	
32.5	.002	trace	3.57	nil	nil	.021	21.4	4.3	2		100c.c.	Clear

REMARKS: This water is of excellent organic and bacteriological quality, free from any pollution and fit for a public supply.

pp. W. Lincolne Sutton.

(Signed) W. F. GREEVES.

Norfolk & Suffolk Laboratories,
Redwell Street, Norwich.
3rd May, 1938.

CERTIFICATE OF ANALYSIS OF WATER.

Sample received from Cromer U.D.C. per G. Eric Mitchell, Esq., Waterworks Manager. No. 87274 pp

MARK OR SEAL: "From Old Cromer Well, Roughton Road Waterworks. 29-4-38." H.A.M.

(The chemical results are stated in parts per 100,000, which may be altered to grains per gallon by multiplying the figures by 0.7.)

Distinctive No. or Label	Total Solids in Solution	AMMONIA		Chlorine in Chlorides	Nitrogen as Nitrates	Nitrites	Oxygen absorbed from Permanganate	HARDNESS		BACTERIOLOGICAL RESULTS			Physical Characters
		Free & Saline	Albuminoid					Total	Permanent	Bacteria per c.c. on agar at 37°C	Bacillus Coli Present in	Bacillus Coli Absent in	
= grains per gallon	34.0	.002	.005	3.7	nil	Nil	.059	20.0	7.1	16		100c.c.	Sediment of vegetable fibres
	23.8	.0015	.0035	2.6	nil	Nil	.041	14.0°	5°	16		100c.c.	

REMARKS: This is a good water, free from pollution, of moderate hardness and quite fit for drinking purposes. There appears to be no sign of iron trouble.

(Signed) W. LINCOLNE SUTTON.

CROMER WEATHER REPORT.

THIRTY-SIXTH ANNUAL REPORT.

ATMOSPHERIC PRESSURE.

The mean of 29.859 was 0.50 above that of 1937.

The highest monthly mean was 30.325 for February and the lowest was 29.623 for November.

SHADE TEMPERATURE.

The warmest month was August with a mean of 61.5, this being 0.4 lower than August, 1937. December was the coldest month with a mean of 39.7, this being 0.3 degrees higher than March, 1937, with a mean of 39.4.

The highest Temperature reached was 84 degrees on August 31st, the same as August 6th, 1937. The lowest reading of the Maximum Thermometer was 28 degrees on December 19th.

The lowest reading of the Minimum Thermometer was 23 degrees on December 21st. The lowest of the Grass Minimum was 23 degrees on December 20th and 21st.

SUNSHINE.

The total Sunshine of 1698.5 hours was 308.6 hours more than in 1937. The sunniest month was June, with a total of 217.7 hours, giving a daily mean of 7.26 hours.

RAINFALL.

Rain was registered 177 days, this being 9 days less than in 1937.

The total Rainfall for the year was 20.70 inches, this being 7.10 inches less than in 1937.

The most recorded on one day was 0.79 inches on May 17th,

CROMER WEATHER REPORT FOR 1938.

1938	Baro- meter Mean 9 a.m. Inches	Dry Bulb Mean 9 a.m. Degrees	Wet Bulb Mean 9 a.m. Degrees	Rainfall			Shade Temperature			Sun- shine Hours Total	
				Most in a Day.		No. of Days 0.01 ins. or more	Maximum Degrees	Minimum Degrees	Mean Degrees		
				Amount Inches	Date						
				Total Inches	Day						
January ...	29.871	41.5	40.6	0.31	11th	2.42	18	46.8	36.7	41.8	50.3
February ...	30.325	41.5	39.6	0.10	26th	0.53	6	46.4	36.5	41.4	93.6
March ...	30.104	49.9	46.5	0.28	25th	0.41	3	58.1	41.1	49.6	177.5
April ...	30.110	46.8	43.7	0.20	29th	0.55	3	51.4	40.4	45.9	151.8
May ...	29.803	53.5	49.1	0.79	17th	2.09	9	59.4	44.7	52.0	200.1
June ...	29.817	59.9	55.0	0.28	1st	1.15	7	67.0	51.6	59.3	217.7
July ...	29.753	61.5	57.2	0.31	15th	1.55	8	68.0	52.9	60.5	208.1
August ...	29.785	61.8	58.6	0.57	28th	1.64	6	67.5	55.5	61.5	200.5
September ...	29.806	58.9	56.4	0.53	6th	2.56	9	65.2	52.9	59.0	132.3
October ...	29.649	52.7	49.9	0.48	3rd	2.54	15	59.5	45.0	51.3	135.0
November ...	29.623	48.2	46.9	0.30	27th	1.63	9	53.4	43.1	48.2	83.9
December ...	29.664	39.0	38.1	0.66	21st	3.63	18	44.0	35.3	39.7	47.7
Totals ...	...	...	...	...	...	20.70	111	...	...	...	1698.5
Means ...	29.859	51.3	48.5	...	...	1.72	9.2	57.2	44.6	50.9	...
Year 1937 Totals ...	...	...	...	...	...	27.80	186	...	...	...	1389.9
Means ...	29.903	50.0	47.9	...	...	2.32	15.5	55.2	44.3	49.7	...

